

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions, and listings, of claims in the application.

Listing of Claims:

1-18. (Cancelled)

19. (Currently Amended) A method of driving a liquid crystal display (LCD) device, comprising:

detecting a reference gray scale level of a B color to begin reducing a color reproducibility in the LCD device by measuring the B color displayed on a liquid crystal panel of the LCD device while the gray scale level of the B color is increased;

storing a gray scale value of a gray scale level of the B color being present right before the reference gray scale level in a lookup table from the reference gray scale level to a maximum gray scale level;

receiving image information including a gray scale value corresponding to a red(R), green(G), blue(B) color by the LCD device;

determining whether the gray scale level of the B color is greater than a predetermined the reference gray scale level to begin reducing a the color reproducibility in the LCD device;

applying the received image information to the LCD device upon a determination that the gray scale level of the B color is not greater than the predetermined reference gray scale level; and

compensating the received image information by analyzing a gray scale level of the B color in the received image information, and replacing a gray scale value of the gray scale level of the B color in the received image information with a the gray scale value of a gray scale level immediately prior to being present right before the predetermined reference gray scale level retrieved from a the lookup table in response to a determination that the gray scale level of the B color in the received image information is greater than the predetermined reference gray scale level; and

outputting a received image information including a compensated gray scale value of the gray scale level of the B color; and

applying the compensated image information to a plurality of data lines of the LCD device.

20. (Cancelled)

21 - 22. (Cancelled)

23. (Original) The method of claim 19, wherein the compensating includes mixing gray scale values of at least two of red, green, and blue colors.